Call with Julian Hayward 4/13/2017

Comment 21d. Screening methods. Will take the samples and have them analyzed under certain conditions. Asbestos screening doesn't really exist. You can look to see if you have certain types of material (floor tile, pipe insulation, etc.). Brake lining dust will be mixed into the mass of waste, not readily discernable in the field. So they would analyze all of the samples for asbestos. Cost impacts – using TLM, relatively inexpensive. Dioxin/furan analysis costs more. The screening methods are semi-quantitative; limits you would achieve are inconsistent with our action levels. They will propose D/F analyses using method with adequate resolution. Could have imported ash material and ACD residue. EU16, 18, 19. Western portions of the Dryden Road business parcels.

They've increased the number of samples and characterization directly below the paved surfaces.

Soil vapor monitoring – they will start with Phase 1 activities. Inspection and repair of existing gas probes; some of the probes are screened 0-5 feet deep, they would install replacement probes. They're going to suggest to install some gas probes in OU1 in the central area to fill in the gap where there are no probes. ERR properties – 3 new probes in the ERR properties. Monitor the new and existing probes at least 2 rounds. Use this data to determine if additional soil gas probes are needed. GP-2 would be excluded from the monitoring program.

ERR properties – WP will include investigations on the properties during Phase 1. Planning surface (0-2') sampling, plus additional soil gas probes, groundwater samples using temp monitoring wells in Globe parking area, and further to the SW, on properties adjacent to Jim City. They do need to get access agreements for some of the properties. Also surface soil samples at about 10 locations to screen for the presence of OU1 impacts, if they are found, then more samples to look at risk by EUs.

Quarry Pond – sediment samples at 20 locations shallow and deep in the pond, also deep and shallow water. Foreign objects – they've looked at some imaging techniques, high-res sonar, that people think could be used. There is a jumble of material, it might not be definitive. You might see a car or a drum if it is sitting on its own. They want to try this; it is probably the best option. Low visibility for visual survey, and for divers, and big safety issues with divers. *Can we get more information on the methods and equipment on the sonar study done by Ohio? They aren't sure of feasibility of collecting sediment samples at depth and in close proximity to foreign objects, but they will propose locations subject to change after doing sonar survey and seeing field conditions. There might be some objects that we want to sample close to, sonar is the first step.

They will be proposing GW sampling near the perimeter of the pond. They want to do another VAS on the north side of the QP ESE of VAS-12, and another one midway between VAS-12 and VAS-13 that would likely lead to a MW. New MW at VAS-20.

Floodplain – there is a topography map to try to identify drainage patterns. They think there is a low point parallel to the trail going N-S to the QP. Storm sewer outfall by the QP, which appears to discharge to the low area. They have adjusted the floodplain locations a bit to show that the intention is to sample the low point.

Background sampling – they are moving the floodplain sampling to the floodplain next to Carillon park. Parcel 3264 will be removed, alternate location not shown on figure 6.1, it's another park farther south, Ora Everett Park.

GMR – they think it makes sense to wait until the floodplain data is collected.

Groundwater – groundwater sampling was done of selected MWs in 2015. They will sample existing MWs for the set of parameters that they have done in the past.

Area 1 GW – they added VAS and temp MWs, leading to permanent MW.

Area 2-3 GW – additional MW, temp MWs toward the OU1 boundary. 2 additional TWs toward the Valley Asphalt plant.

Temp MWs on Dryden Road around the BH70-13 TCE plume.

MW210 area – additional wells in the ERR properties. Want to clarify the relationship between the MW210 TCE plume and the TCE at the trailer park.

On the new figures, they've numbered the proposed VAS and MW locations. They will cross reference to a new table to explain what is being done at each location. Similar table for proposed soil gas locations.

We set up a call for next Thursday 4/20 9:30 Eastern time to discuss any other issues that come up.